

## WHAT IS CLAIMED IS:

1. A communication, command, and control unit for use in a modular and adaptive communication, command, and control system, said communication, command, and control unit having an external housing and including:
  - a. an interface module including a command and control input means;
  - b. an input/output module including an input/output port;
  - c. a plug-and-play connector; and,
  - d. a master application/interface controller module connected to said interface module, said input/output module, and said plug-and-play connector.
2. The communication, command, and control unit of claim 1, wherein said master application/interface controller can be dynamically programmed with one or more generic application interfaces.
3. The communication, command, and control unit of claim 1, wherein said master application/interface controller can be dynamically programmed with one or more module-specific application interfaces.
4. The communication, command, and control unit of claim 1, wherein said master application/interface controller can be dynamically programmed with a set of generic application interfaces and a set of module-specific application interfaces, and wherein said set of generic application interfaces and module-specific application interfaces are configured to permit said communication, command, and control unit to interface with and control multiple home electronic devices.

5. The communication, command, and control unit of claim 1, wherein said input/output module includes at least one element selected from the following set:  
an RF transceiver, and an IR transceiver.
6. The communication, command, and control unit of claim 1, wherein said input/output module includes an RF transceiver and an IR transceiver.
7. The communication, command and control unit of claim 1, wherein said input/output module includes at least one element selected from the following set:  
a USB adapter, a RJ11 jack, an AC power line plug, an optic cable adapter, a RF cable adapter, and a point-to-point wire connector.
8. The communication, command, and control unit of claim 1, wherein said command and control input means includes at least one element selected from the following set: a keypad, a touch screen, and a microphone.
9. The communication, command, and control unit of claim 1, wherein said interface module further includes a display means.
10. The communication, command, and control unit of claim 1, wherein said input/output port includes a wired input/output port connected to said master application/interface controller module.
11. The communication, command, and control unit of claim 10, wherein said communication, command, and control unit is a base station.

12. The communication, command, and control unit of claim 1, wherein said communication, command, and control unit is a handset.
13. The communication, command, and control unit of claim 12, wherein said handset is adapted to connect with a base station so as to form an integrated handset/base station pair.
14. The communication, command, and control unit of claim 1, further comprising a plug-and-play module connected to said plug-and-play connector.
15. The communication, command, and control unit of claim 1, wherein said communication, command, and control unit is adapted for use in one or more information handling/processing/networking, industrial, commercial, medical, military, or security-related applications.
16. The communication, command, and control unit of claim 15, further comprising a plug-and-play module adapted to perform one or more information handling/processing/networking, industrial, commercial, medical, military, or security functions and connected to said plug-and-play connector.
17. A communication, command, and control unit for use with an information handling/processing/networking, industrial, commercial, medical, military, or security system, said communication, command, and control unit having an external housing and including:
  - a. an interface module including a command and control input means;
  - b. an input/output module including an input/output port;

- c. a plug-and-play connector; and,
  - d. a master application/interface controller module connected to said interface module, said input/output module, and said plug-and-play connector.
18. The communication, command, and control unit of claim 17, further comprising a plug-and-play module adapted to perform security functions and connected to said plug-and-play connector.
19. A modular communication, command, and control system comprising at least one handset and at least one base station, wherein each of said handset and said base station includes:
- a. a housing;
  - b. an interface module including a command and control input means;
  - c. an input/output module including an input/output port;
  - d. a plug-and-play connector; and,
  - e. a master application/interface controller module connected to said interface module, said input/output module, and said plug-and-play connector.
20. The modular communication, command, and control system of claim 19, wherein said handset and said base station are adapted to connect with each other so as to form an integrated handset/base station pair.